

REMARKS

Claims 1-3, 5-7 are pending in the application. Claims 1-2 are rejected. Claims 3, 5 and 6 are objected to, and Claim 7 is allowed.

In the present invention, Frisken converts range data to an adaptively sampled distance field. Frisken first invented and described an adaptively sampled distance field in US Patent 6,396,492, which was filed in 1999 and issued in 2002.

Claims 1 and 2 are rejected under 35 U.S.C. 102(b) as being unpatentable over Koch, U.S. 5,218,427, *issued in 1993*.

It is impossible for Koch to anticipate the invention. Moreover, Koch samples an object. In contrast, Frisken samples a distance field.

In view of the foregoing, it is respectfully submitted that the application is in condition for allowance and an early indication of the same is courteously solicited.

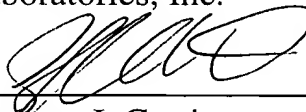
The Examiner is respectfully requested to contact the undersigned by telephone at the below listed telephone number, in order to expedite resolution of any remaining issues and further to expedite passage of the application to issue, if any further comments, questions or suggestions arise in connection with the application.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made.

Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 50-0749 and please credit any excess fees to such deposit account.

Respectfully submitted,

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